

AMIT AJMANI'S ACADEMY

D-16/82, SECTOR-7, ROHINI

PH: 9810476588, 9953371470

X PHYSICS CLASS TEST

M.M.-22

Name of Student: _____ Class & Sub: _____

Topic of Test: Human Eye No. 1 Date: _____

1. Why do stars twinkle? 2
 2. Why does the Sun appear reddish early in the morning? 2
 3. Briefly explain the observed blue colour of clear sky. 2
 4. Why all danger signal lights are of red colour? 2
 5. Explain why the planets do not twinkle? 2
 6. Why does the sky appear dark instead of blue to an astronaut? 1
 7. Briefly explain the formation of rainbow. Draw a ray diagram too. 2
 8. Why do we get colours when white light passes through a prism? 1
 9. Which colour light bends most & which least on passing through prism? 1
 10. What is the reason for early sunrise and delayed sunset? Explain 2
 11. Explain why the stars appear higher than their actual position? 2
 12. Explain how ciliary muscles, focal length and power of eye lens change when we see a near object and a far object? 3
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ANSWERS

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X PHYSICS CLASS TEST

M.M.-22

Name of Student: _____ Class & Sub: _____

Topic of Test: Human Eye No. 2 Date: _____

- Q1. What is meant by power of accommodation of the eye? 1
- Q2. Define the following: Far Point and Near point with values 2
- Q3. What is the nature of the image formed at the retina of the eye? 1
- Q4. State the function of rods and cones in our eye. 2
- Q5. Explain how ciliary muscles, focal length and power of eye lens change when we see a near object and a far object 3
- Q6. Draw and explain human eye stating the functions of each and every part. 6
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ANSWERWS